

Alternative Formulation Consultation

Project is undergoing alternative plan development

Includes:

- **Description of Restudy plan**
- **Main plan formulation considerations**
- **Description of Alternative plans formulated to date**

Seeking:

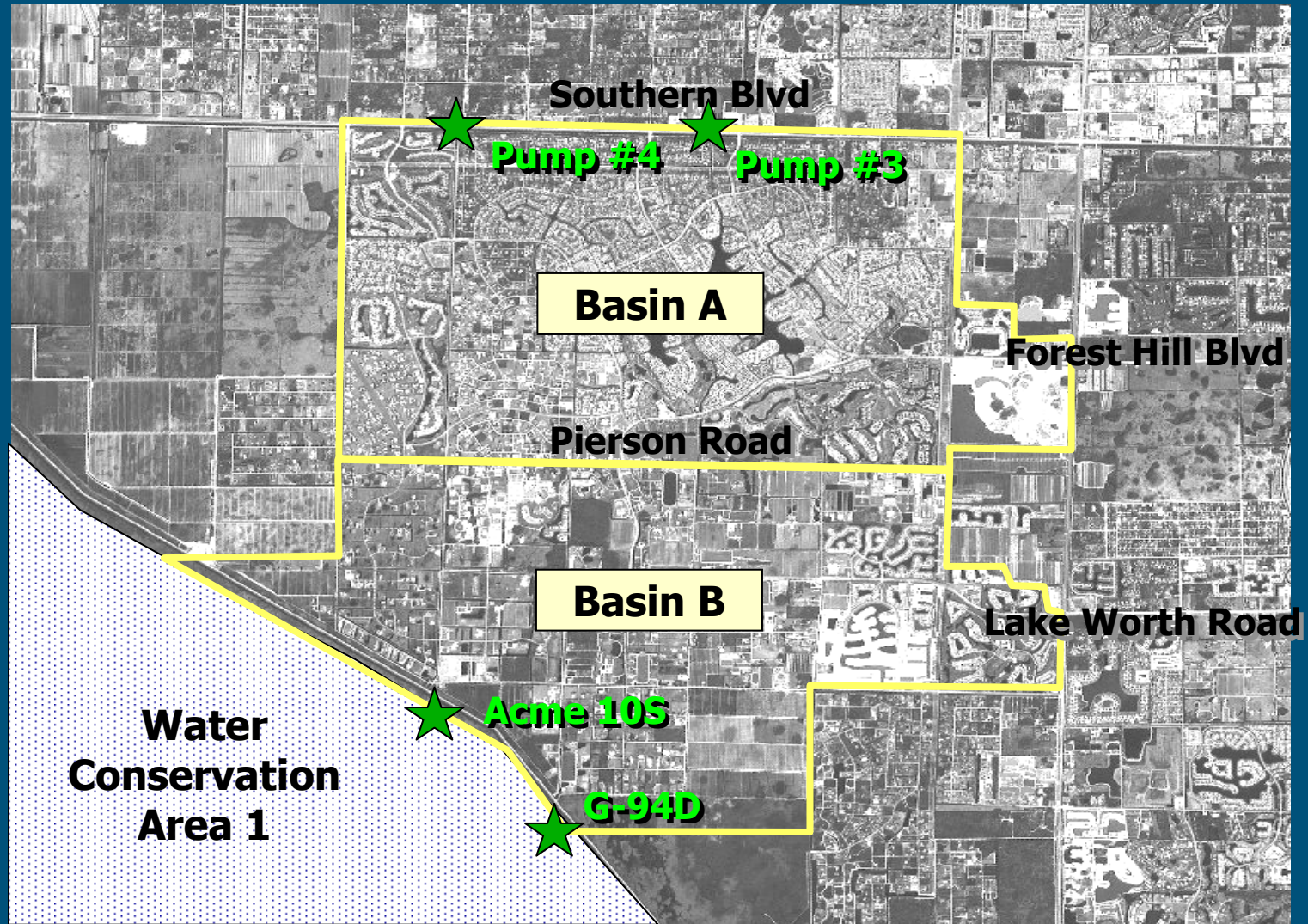
Input on alternative plans considered, potential new alternatives, and benefits and impacts of those plans.

Acme Basin B Discharge



August 30, 2005

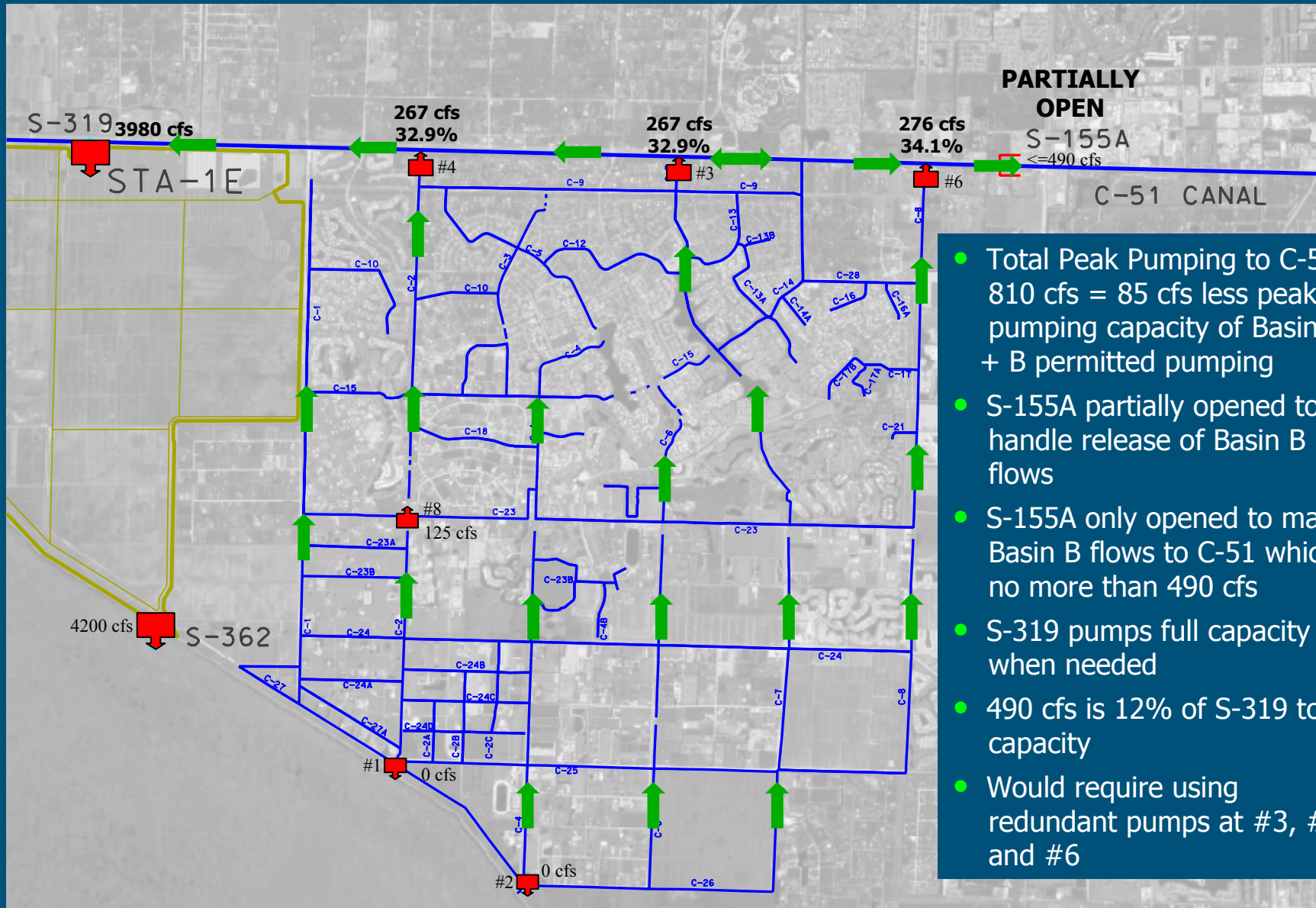
Wellington/ACME Improvement District



Project Objectives

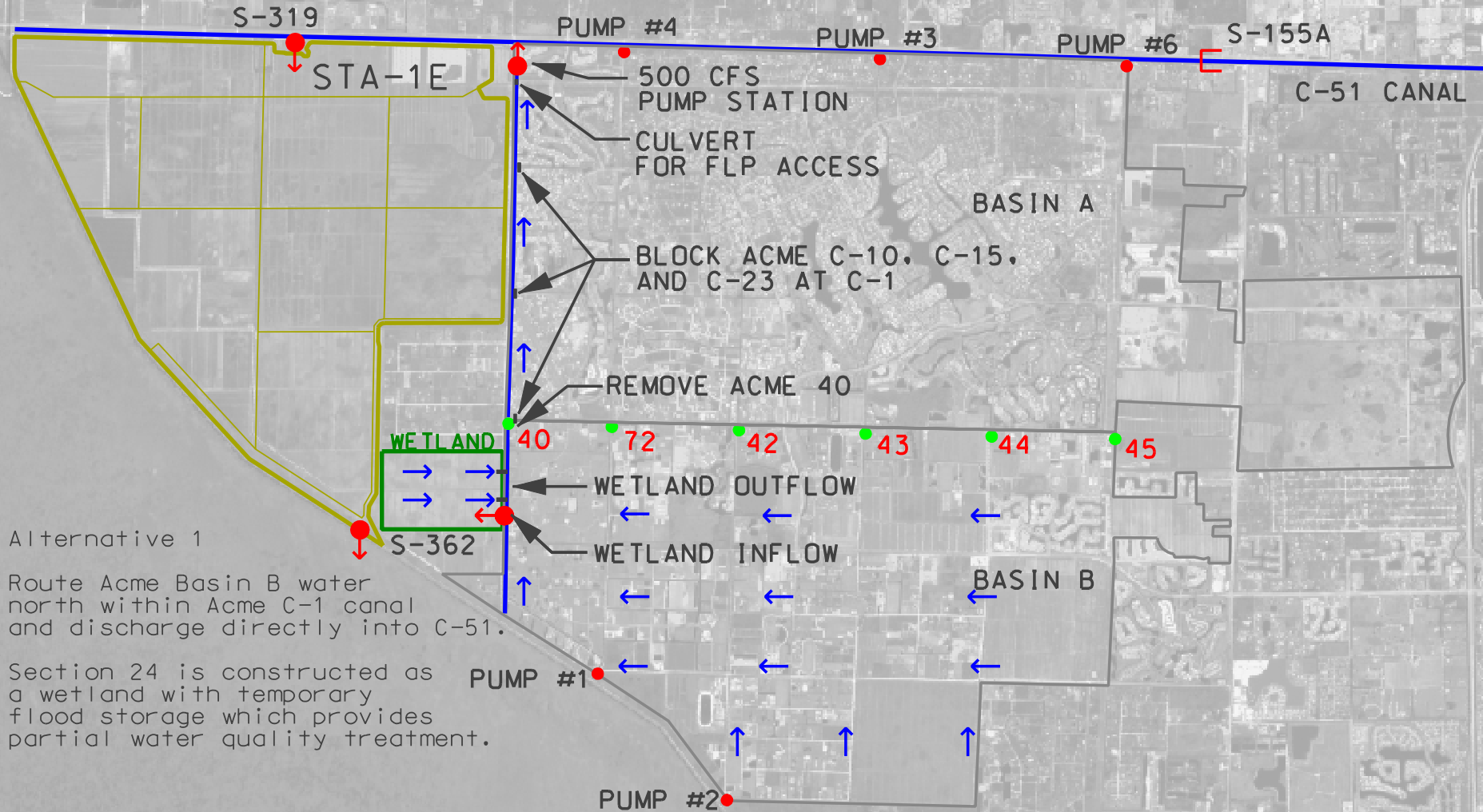
- Increase spatial extent of protected natural areas
- Provide water to the Arthur R. Marshall Loxahatchee National Wildlife Refuge and Everglades National Park (natural system)
- Reduce amount of water lost to tide
- Reduce amount of water withdrawn from Lake Okeechobee

Future without Improvements With Make-Up Water From Lake Okeechobee

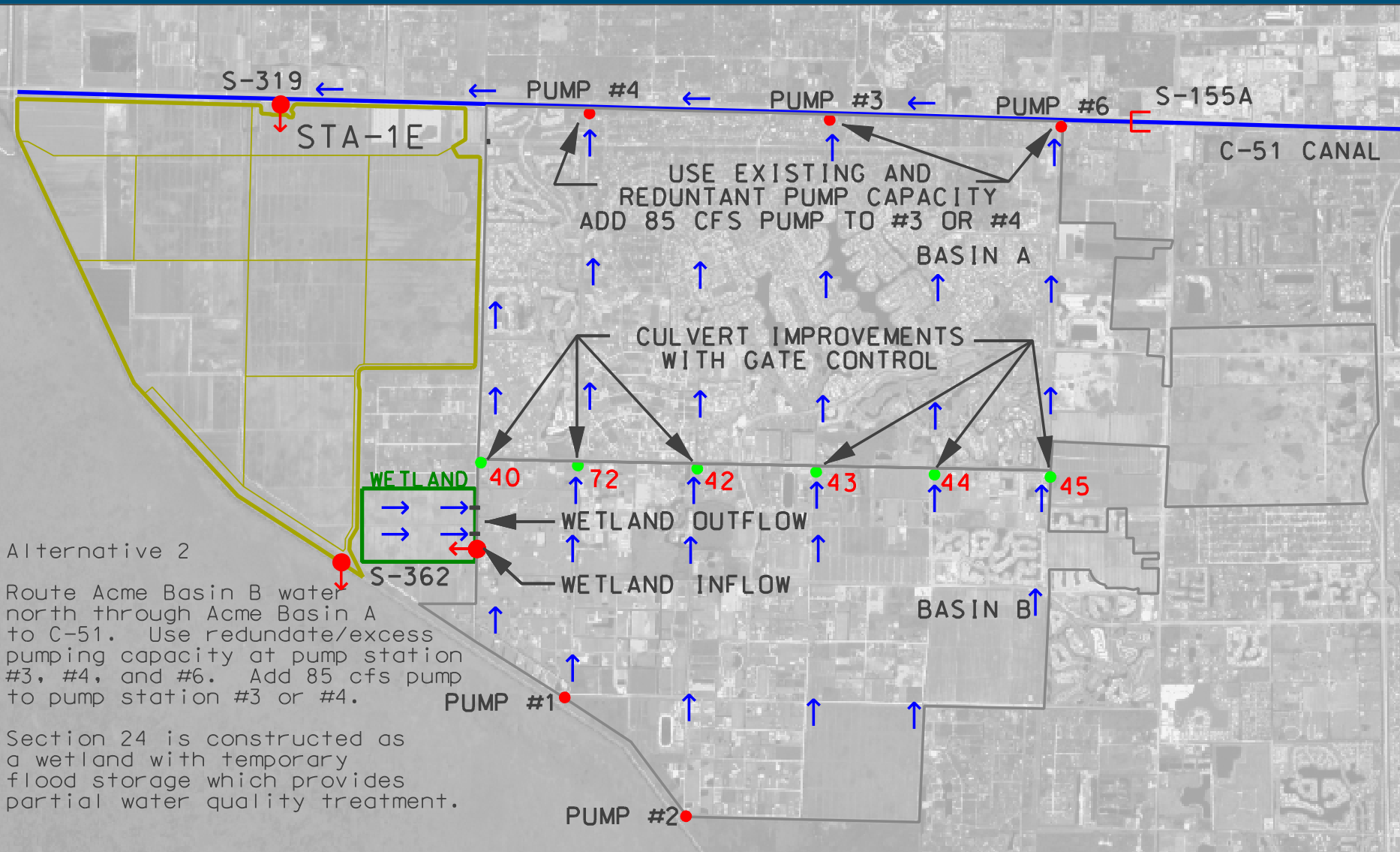


- Total Peak Pumping to C-51 = 810 cfs = 85 cfs less peak pumping capacity of Basin A + B permitted pumping
- S-155A partially opened to handle release of Basin B flows
- S-155A only opened to match Basin B flows to C-51 which is no more than 490 cfs
- S-319 pumps full capacity when needed
- 490 cfs is 12% of S-319 total capacity
- Would require using redundant pumps at #3, #4, and #6

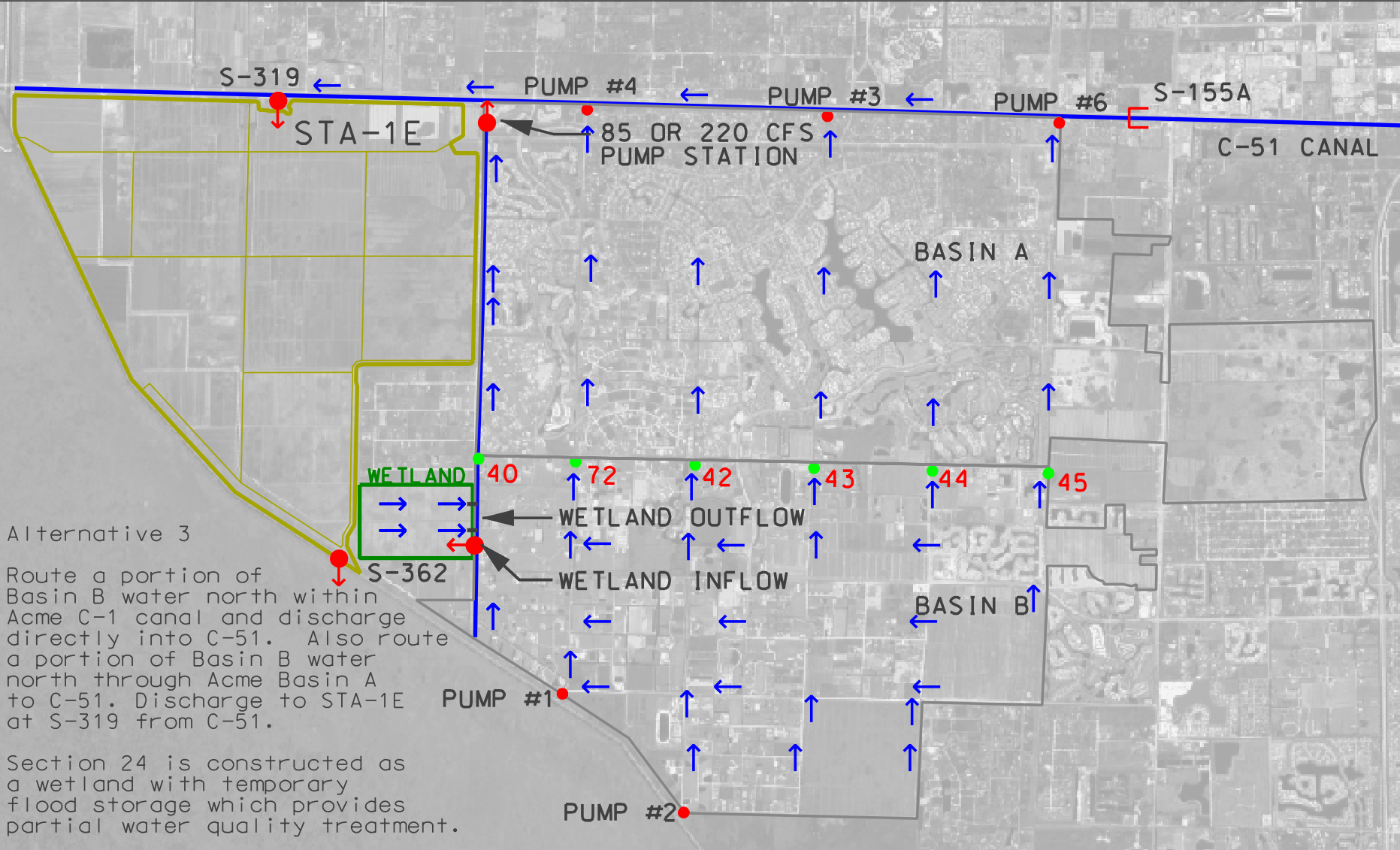
Alternative 1



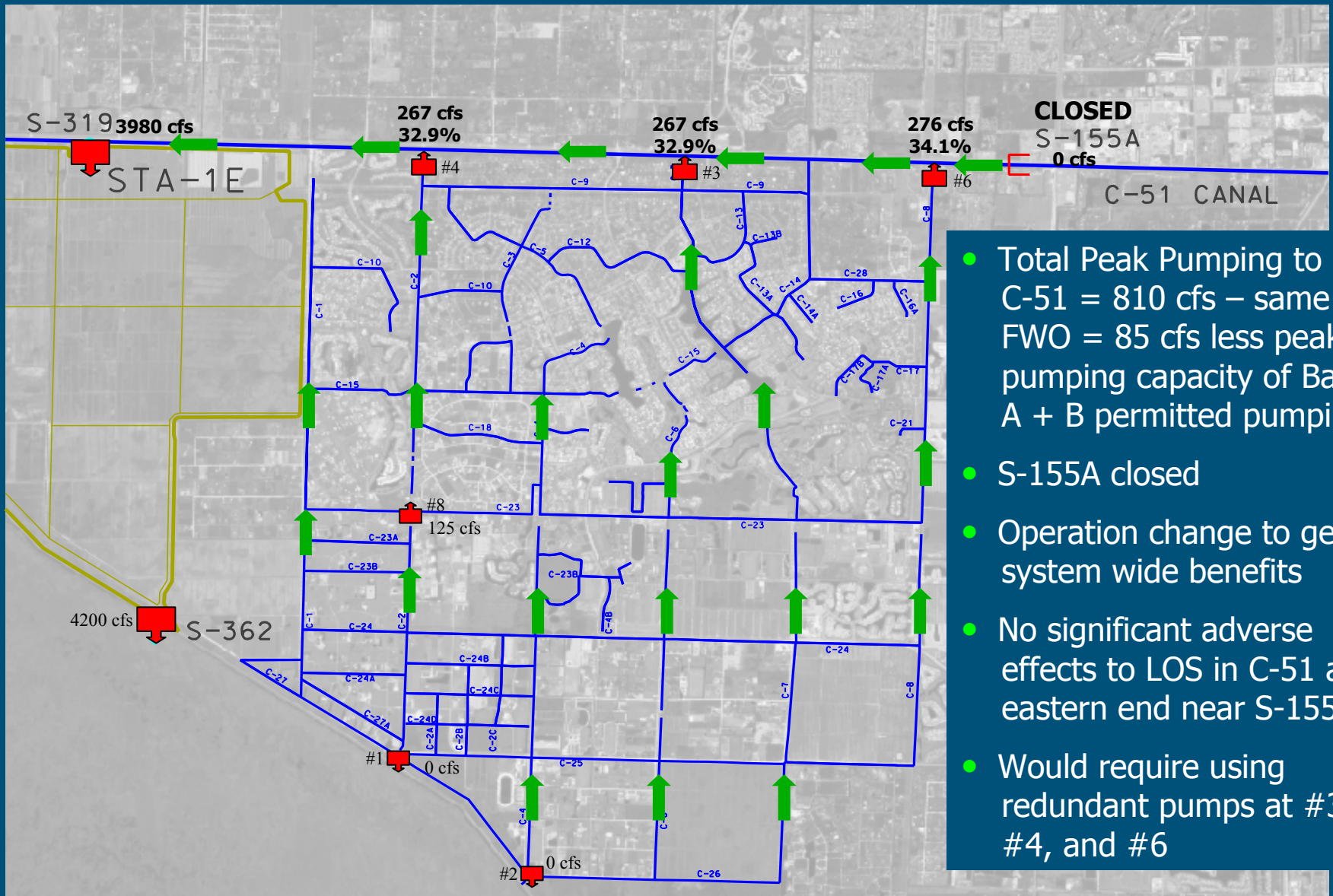
Alternative 2



Alternative 3

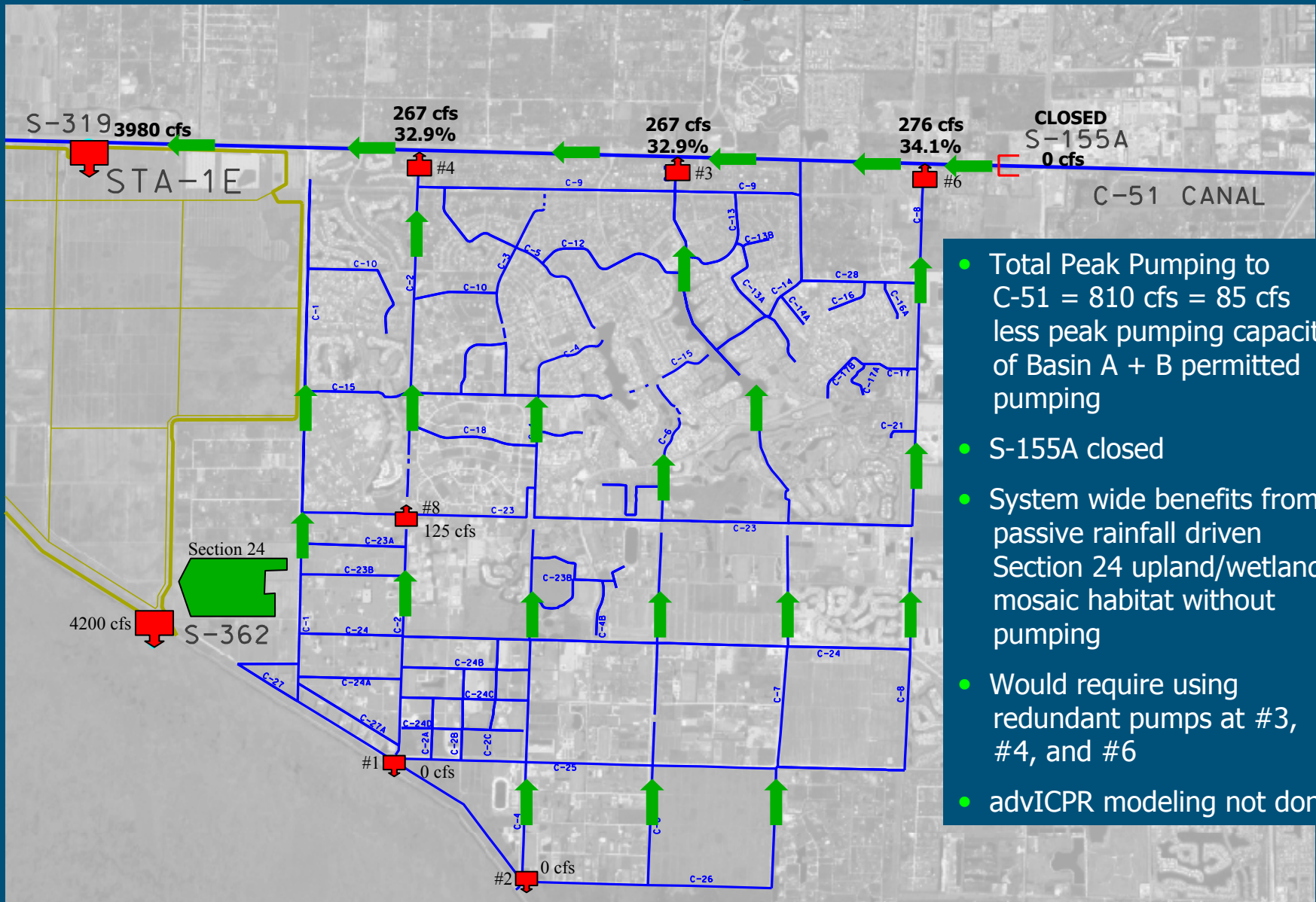


Non-Structural Plan



- Total Peak Pumping to C-51 = 810 cfs – same as FWO = 85 cfs less peak pumping capacity of Basin A + B permitted pumping
- S-155A closed
- Operation change to get system wide benefits
- No significant adverse effects to LOS in C-51 at eastern end near S-155A
- Would require using redundant pumps at #3, #4, and #6

Non-Structural Plan With Passive Wetland/Upland Section 24



- Total Peak Pumping to C-51 = 810 cfs = 85 cfs less peak pumping capacity of Basin A + B permitted pumping
- S-155A closed
- System wide benefits from passive rainfall driven Section 24 upland/wetland mosaic habitat without pumping
- Would require using redundant pumps at #3, #4, and #6
- advICPR modeling not done

Tentatively Selected Plan (TSP)

- Project Features:
 - C-51 operation modifications
 - Section 24 with passive wetland/upland mosaic
- Total Features Cost: \$16,500,000

Project Status

- Draft Project Implementation Report (PIR) and Environmental Impact Statement (EIS) for Public Review: October 2005
- Public Review: Oct 2005 – Nov 2005
- Final PIR: Feb 2006
- Construction under Acceler8 in spring 2006